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RAW SEQUENCE LISTING

PATENT APPLICATION US/09/525,867

 02CD
 H/C
 04/03/2000
 TIME: 11:06:42

Input Set: I525867.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: YUE, Henry
 2 LAL, Preeti
 3 TANG, Y. Tom
 4 LU, Dyung Aina M.
 5 AU-YOUNG, Janice
 6 <120> TITLE OF INVENTION: MITOCHONDRIAL PROTEINS
 7 <130> FILE REFERENCE: PF-0678 US
 8 <140> CURRENT APPLICATION NUMBER: US/09/525,867
 9 <141> CURRENT FILING DATE: 2000-03-15
 10 <150> EARLIER APPLICATION NUMBER: 60/124,655
 11 <151> EARLIER FILING DATE: 1999-03-16
 12 <160> NUMBER OF SEQ ID NOS: 16
 13 <170> SOFTWARE: PERL Program
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 20 <223> OTHER INFORMATION: Incyte ID No: 1676225CD1
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 25 20 25 30
 26 His Gln Ser Val Ala Thr Asp Gly Pro Ser Ser Thr Gln Pro Ala
 27 35 40 45
 28 Leu Pro Lys Ala Arg Ala Val Ala Pro Lys Pro Ser Ser Arg Gly
 29 50 55 60
 30 Glu Tyr Val Val Ala Lys Leu Asp Asp Leu Val Asn Trp Ala Arg
 31 65 70 75
 32 Arg Ser Ser Leu Trp Pro Met Thr Phe Gly Leu Ala Cys Cys Ala
 33 80 85 90
 34 Val Glu Met Met His Met Ala Ala Pro Arg Tyr Asp Met Asp Arg
 35 95 100 105
 36 Phe Gly Val Val Phe Arg Ala Ser Pro Arg Gln Ser Asp Val Met
 37 110 115 120
 38 Ile Val Ala Gly Thr Leu Thr Asn Lys Met Ala Pro Ala Leu Arg
 39 125 130 135
 40 Lys Val Tyr Asp Gln Met Pro Glu Pro Arg Tyr Val Val Ser Met
 41 140 145 150
 42 Gly Ser Cys Ala Asn Gly Gly Gly Tyr Tyr His Tyr Ser Tyr Ser
 43 155 160 165
 44 Val Val Arg Gly Cys Asp Arg Ile Val Pro Val Asp Ile Tyr Ile

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46		Pro	Gly	Cys	Pro	Pro	Thr	Ala	Glu	Ala	Leu	Leu	Tyr	Gly	Ile	Leu
47						185					190				195	
48		Gln	Leu	Gln	Arg	Lys	Ile	Lys	Arg	Glu	Arg	Arg	Leu	Gln	Ile	Trp
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62						20					25				30	
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64						35					40				45	
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79		Gln	Phe	Ile	Gly	Arg	Glu	Ser	Lys	Tyr	Cys	Gly	Leu	Cys	Asp	Ser
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111              20              25              30
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113              35              40              45
114     Arg Arg Glu Leu Ala Leu Glu Cys Asp Tyr Gln Arg Glu Ala Ala
115              50              55              60
116     Cys Ala Arg Lys Phe Arg Asp Leu Leu Lys Gly His Pro Phe Phe
117              65              70              75
118     Tyr Val Pro Glu Ile Val Asp Glu Leu Cys Ser Pro His Val Leu
119              80              85              90
120     Thr Thr Glu Leu Val Ser Gly Phe Pro Leu Asp Gln Ala Glu Gly
121              95              100             105
122     Leu Ser Gln Glu Ile Arg Asn Glu Ile Cys Tyr Asn Ile Leu Val
123              110             115             120
124     Leu Cys Leu Arg Glu Leu Phe Glu Phe His Phe Met Gln Thr Asp
125              125             130             135
126     Pro Asn Trp Ser Asn Phe Phe Tyr Asp Pro Gln Gln His Lys Val
127              140             145             150
128     Ala Leu Leu Asp Phe Gly Ala Thr Arg Glu Tyr Asp Arg Ser Phe
129              155             160             165
130     Thr Asp Leu Tyr Ile Gln Ile Ile Arg Ala Ala Ala Asp Arg Asp
131              170             175             180
132     Arg Glu Thr Val Arg Ala Lys Ser Ile Glu Met Lys Phe Leu Thr
133              185             190             195
134     Gly Tyr Glu Val Lys Val Met Glu Asp Ala His Leu Asp Ala Ile
135              200             205             210
136     Leu Ile Leu Gly Glu Ala Phe Ala Ser Asp Glu Pro Phe Asp Phe
137              215             220             225
138     Gly Thr Gln Ser Thr Thr Glu Lys Ile His Asn Leu Ile Pro Val
139              230             235             240
140     Met Leu Arg His Arg Leu Val Pro Pro Pro Glu Glu Thr Tyr Ser
141              245             250             255
142     Leu His Arg Lys Met Gly Gly Ser Phe Leu Ile Cys Ser Lys Leu
143              260             265             270
144     Lys Ala Arg Phe Pro Cys Lys Ala Met Phe Glu Glu Ala Tyr Ser

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159                               20                               25                               30
160      Ala Ser Arg Leu Leu Leu Leu Pro Arg Val Leu Leu Thr Met Ala
161                               35                               40                               45
162      Ser Gly Ser Pro Pro Thr Gln Pro Ser Pro Ala Ser Asp Ser Gly
163                               50                               55                               60
164      Ser Gly Tyr Val Pro Gly Ser Val Ser Ala Ala Phe Val Thr Cys
165                               65                               70                               75
166      Pro Asn Glu Lys Val Ala Lys Glu Ile Ala Arg Ala Val Val Glu
167                               80                               85                               90
168      Lys Arg Leu Ala Ala Cys Val Asn Leu Ile Pro Gln Ile Thr Ser
169                               95                               100                              105
170      Ile Tyr Glu Trp Lys Gly Lys Ile Glu Glu Asp Ser Glu Val Leu
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172      Met Met Ile Lys Thr Gln Ser Ser Leu Val Pro Ala Leu Thr Asp
173                               125                              130                              135
174      Phe Val Arg Ser Val His Pro Tyr Glu Val Ala Glu Val Ile Ala
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176      Leu Pro Val Glu Gln Gly Asn Phe Pro Tyr Leu Gln Trp Val Arg
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193                               35                               40                               45
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195                               50                               55                               60
196      Phe Ile Lys Ile Leu Arg Ala Asp Gly Ile Thr Gly Leu Tyr Arg
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198      Gly Phe Leu Val Asn Thr Phe Thr Leu Ile Ser Gly Gln Cys Tyr
199                               80                               85                               90
200      Val Thr Thr Tyr Glu Leu Thr Arg Lys Phe Val Ala Asp Tyr Ser
201                               95                               100                              105
202      Gln Ser Asn Thr Val Lys Ser Leu Val Ala Gly Gly Ser Ala Ser
203                               110                              115                              120
204      Leu Val Ala Gln Ser Ile Thr Val Pro Ile Asp Val Val Ser Gln
205                               125                              130                              135
206      His Leu Met Met Gln Arg Lys Gly Glu Lys Met Gly Arg Phe Gln
207                               140                              145                              150
208      Val Arg Gly Asn Ser Glu Gly Gln Gly Val Val Ala Phe Gly Gln
209                               155                              160                              165
210      Thr Lys Asp Ile Ile Arg Gln Ile Leu Gln Ala Asp Gly Leu Arg
211                               170                              175                              180
212      Gly Phe Tyr Arg Gly Tyr Val Ala Ser Leu Leu Thr Tyr Ile Pro
213                               185                              190                              195
214      Asn Ser Ala Val Trp Trp Pro Phe Tyr His Phe Tyr Ala Glu Gln
215                               200                              205                              210
216      Leu Ser Tyr Leu Cys Pro Lys Glu Cys Pro His Ile Val Phe Gln
217                               215                              220                              225
218      Ala Val Ser Gly Pro Leu Ala Ala Ala Thr Ala Ser Ile Leu Thr
219                               230                              235                              240
220      Asn Pro Met Asp Val Ile Arg Thr Arg Val Gln Val Glu Gly Lys
221                               245                              250                              255
222      Asn Ser Ile Ile Leu Thr Phe Arg Gln Leu Met Ala Glu Glu Gly
223                               260                              265                              270
224      Pro Trp Gly Leu Met Lys Gly Leu Ser Ala Arg Ile Ile Ser Ala
225                               275                              280                              285
226      Thr Pro Ser Thr Ile Val Ile Val Val Gly Tyr Glu Ser Leu Lys
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241           20           25           30
242      Pro His Arg Trp Gly Pro Cys Gly Gly Ser Trp Ala Gln Lys Phe
243           35           40           45
244      Tyr Gln Asp Gly Pro Gly Arg Gly Leu Gly Glu Glu Asp Ile Arg

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text
